



DEPARTMENT OF ENVIRONMENTAL PROTECTION

Isiah Leggett  
*County Executive*

Robert Hoyt  
*Director*

August 18, 2009

Mitra Pedoeem, P.E.  
Chief of Construction  
Parks Development Division  
Montgomery County Dept. of Park and Planning  
9500 Brunett Ave.  
Silver Spring, MD 20901

Re: Gude Landfill Remediation – Limit of Waste Delineation

Dear Ms. Pedoeem:

Please find enclosed four (4) copies of the Montgomery County Department of Environmental Protection's (DEP) application form and site plan for a Park Construction Permit for Rock Creek Regional Park (Needwood). This submittal was prepared in accordance with technical guidance provided by Herb DeHoff, Construction Supervisor, of the Montgomery County Department of Park and Planning (Park and Planning). The overall project reference for this submittal is the Gude Landfill Remediation and the task specific reference is the Limit of Waste Delineation.

A brief narrative description of the Gude Landfill's history and the Remediation Project is provided on Page 3 of this correspondence for background purposes. The work related to the above referenced Park Construction Permit will include small scale excavation via mechanical equipment or hand auguring to locate the limit of waste (i.e. trash) that may potentially be located beyond the Gude Landfill property boundary on land owned by Park and Planning. The Site Plan (i.e. Test Pit Locations) presents the test pit locations for DEP's excavation on DEP property of the Gude Landfill. Potential test pit locations on Park and Planning land would be located on the Northeast and Southeast border of the Gude Landfill along parcels: P870 and P148 as noted on the Site Plan. The entire Gude Landfill property boundary is currently flagged and staked in the field.

The excavation work will be in the form of test pits with an approximate size of 4'-long x 4'-wide x 4'-deep. Each test pit will disturb an approximate 10' x 10' area. Approximately 60-70 test pits may be required on Park and Planning land for a total land disturbance of  $\leq 0.5$  acres. Following test pit excavation and visual inspection for waste, all disturbed material will be immediately placed back into the test pit, covered with a minimum of 2' of soil that is free of waste, and stabilized with seed and straw. These construction practices will prevent any potential impacts related to erosion and sediment control. If hand auguring is used, land disturbance will be very minimal.

Division of Solid Waste Services

16101 Frederick Road • Derwood, Maryland 20855 • 240-777-6560 • 301-840-2385 FAX  
www.montgomerycountymd.gov/solidwaste • Located at the intersection of Route 355 and Shady Grove Road

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Ms. Mitra Pedoeem, P.E.  
August 18, 2009  
Page 2 of 3

Please note that the proposed test pitting on Park and Planning land **will only be required** if DEP determines that waste is potentially located beyond the Gude Landfill property boundary following their own test pit investigation. DEP will perform the initial test pit investigation during Late-August into Late-September 2009. DEP hopes to coordinate and utilize the same mobilization for the excavation Contractor with regards to the potential work on Park and Planning land to minimize additional cost expenditures.

In summary, this is the second correspondence from DEP to Park and Planning under the Gude Landfill Remediation Project reference. The first request pertained to the installation of temporary aerial survey markers, which have been removed from Park and Planning land. Future correspondence will be provided by DEP in a similar manner.

Please contact me at 240-777-6590 or [steve.lezinski@montgomerycountymd.gov](mailto:steve.lezinski@montgomerycountymd.gov), if you have any questions concerning the enclosed information. It may be very beneficial to schedule a face-to-face meeting with you and your staff to further explain the short-term and potential long-term aspects of the Gude Landfill Remediation Project. Please let me know your availability during the next month. Thank you for your assistance.

Sincerely,



Stephen T. Lezinski, Engineer III  
Montgomery County DEP  
Division of Solid Waste Services

STL: stl/park\_planning\_limtofwaste.doc  
Enclosure

cc: Gude Landfill Concerned Citizens (w/encl.)  
John Kumm, EA Engineering (w/encl.)  
Peter Karasik, DEP (w/encl.)

### **Gude Landfill Narrative**

The Gude Landfill operated from the early 1960s until 1982. The Landfill predated modern landfill design regulations and closure requirements as promulgated under the Resource Conservation and Recovery Act (RCRA). As a result, there is no bottom liner or leachate collection system. These deficiencies have resulted in the release of low level ground water contamination in the vicinity of the site.

The Montgomery County Department of Environmental Protection (DEP) has been mandated by the Maryland Department of the Environment (MDE) to evaluate existing site conditions regarding environmental contamination and potential impacts to human health and safety from the Gude Landfill. The environmental assessment (i.e. Nature and Extent Study) will assess the extent of groundwater contamination, degree of landfill gas migration, and other factors that have the potential to adversely impact the environment and human health and safety. Following the Nature and Extent Study, DEP will likely be required to investigate remedial alternatives to: reduce the infiltration of rain water into the Landfill to reduce leachate generation; reduce the levels of contamination in groundwater and surface water and its migration; and improve stormwater management and landfill gas monitoring.

The Gude Landfill Remediation Project's primary focus will be to implement the most appropriate and cost effective remedial measures to comply with MDE's requirements, which also provides the opportunity for an agreeable series of land uses for the neighboring Community and Montgomery County. A preliminary project schedule and sequence is provided below, which was previously approved by MDE.

<b>Phases of Work for Remediation</b>	<b>Preliminary Schedule</b>	<b>Duration</b>
0. Survey and Limit of Waste Delineation	May 2009 – July 2009	3 Months
I. Nature and Extent Study	June 2009 – November 2009	6 Months
II. Remediation Alternatives Investigation and Preparation of Formal Remediation Plan <sup>(1)</sup>	December 2009 – May 2010	6 Months
III. Prepare Design, Permitting, and Construction Bid Documents for Selected Remediation Alternative(s). This work may be phased <sup>(1)</sup>	June 2010 – August 2011	15 Months
IV. Construction of Stage I Remediation Work <sup>(2)</sup>	September 2011 – August 2012	12 Months
V. Construction of Stage II Remediation Work <sup>(2)</sup>	September 2012 – August 2013	12 Months
VI. Construction of additional Stages of Remediation Work and Site Reuse Options <sup>(2)</sup>	Schedules to be determined	---

Depending on the findings of the Nature and Extent Study, future work requests to the Department of Park and Planning by DEP regarding the Gude Landfill Remediation may involve: 1) Temporary Groundwater Monitoring Piezometers or Wells; 2) Temporary Landfill Gas Monitoring Wells; 3) Temporary Erosion and Sedimentation Control Measures; 4) Ingress/Egress Access; 5) Security Measures/Signage; and 6) Waste Excavation/Relocation.



## Application for Park Construction Permit

### *To be completed by Applicant*

Name of Project Gude Landfill Remediation - Delineation <sup>Limit of Waste</sup>

Affected Park Rock Creek Regional Park (Needwood)

Description of Proposed Work Small scale excavation via equipment  
on hand to locate the limit of waste that may potentially be  
located beyond the Gude Landfill Property Boundary on M-NCPPC  
lands.

Natural Resources Impacts Land Disturbance

Disturbed Park Area (acres) ≤ 0.5 <sup>Southlawn Branch - upper Rock Creek /</sup> Watershed Name and Class Class IV  
<sub>acres</sub>

Approved Forest Conservation Plan OR Exemption Number Not Applicable

Preliminary Investigation: no tree removal anticipated

Applicant Name Montgomery County Government - Department of  
Environmental Protection - Solid Waste Services

Applicant Principal Contact/Phone No./E-mail Stephen T. Lezinski, Engineer III  
240-777-6590 / Steve.Lezinski@montgomerycountymd.gov

Engineer Name EA Engineering Science and Technology

Engineer Principal Contact/Phone No./E-mail John Kumm, P.E.  
410-329-5141 / JKumm@eaest.com

Subdivision /Property Name Gude Landfill Parcel #'s P151, P230, P240

Preliminary Plan Number Not Applicable Site Plan Number Test-Pit  
Locations

Anticipated Construction Date Late September - Early October  
2009  
with Approval of M-NCPPC.

### *To be read and signed by applicant*

I declare and affirm, under penalty of perjury, that to the best of my knowledge, information and belief all matters and facts in this application are correct. I declare that I am the owner of the property or duly authorized to make this application on behalf of the owner. I agree to be bound by the terms and conditions of the Park Permit.

Date 8/18/09 Signature of Applicant Stephen T. Lezinski

### *For Commission use only*

#### Permit Application

Date Received: \_\_\_\_\_

Park Permit No: \_\_\_\_\_

Permit Fee: \_\_\_\_\_

#### Review Staff:

Lead Staff: \_\_\_\_\_

Region Staff: \_\_\_\_\_

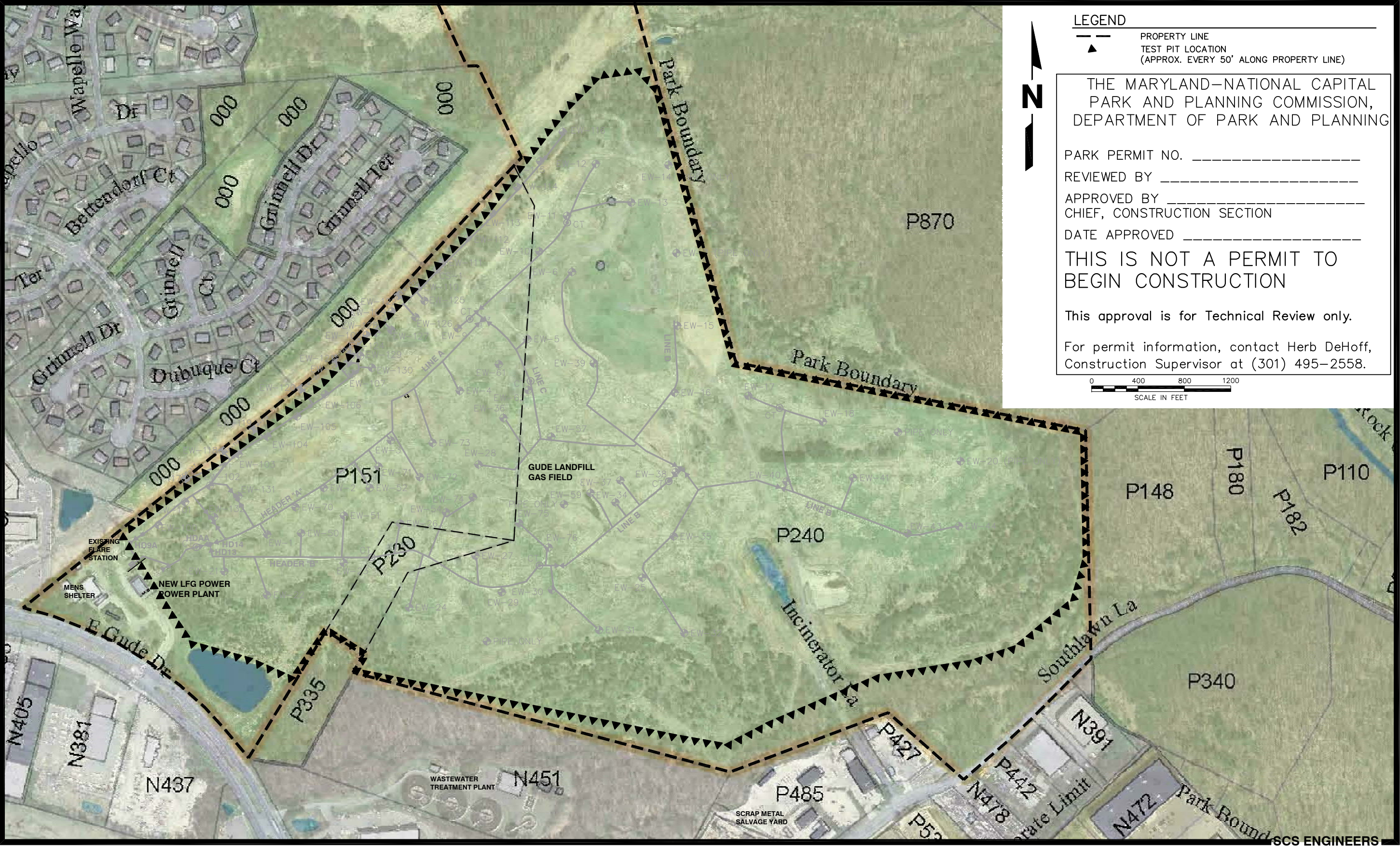
Planning Staff: \_\_\_\_\_

Inspector: \_\_\_\_\_

Other: \_\_\_\_\_

#### Additional Comments:





TEST PIT LOCATIONS